

TRANSMITTER, RECEIVER, RADIO COMMUNICATION SYSTEM AND METHOD THEREFOR

Publication number: JP2002246921 (A)

Publication date: 2002-08-30

Inventor(s): NAKANO HIROSHI; HIRACHI YASUTAKA

Applicant(s): FUJITSU QUANTUM DEVICES LTD

Classification:

- international: H04B1/26; H03D7/00; H04B1/04; H04B1/26; H03D7/00; H04B1/04; (IPC1-7): H04B1/04; H04B1/26

- European: H03D7/00

Application number: JP20010284575 20010919

Priority number(s): JP20010284575 20010919, JP20000376810 20001213

Also published as:

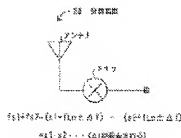
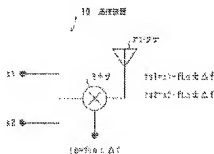
JP3788921 (B2)
EP1225715 (A2)
EP1225715 (A3)
EP1225715 (B1)
US2002102951 (A1)

more >>

Abstract of JP 2002246921 (A)

PROBLEM TO BE SOLVED: To increase precision and stabilization of a radio communication control.

SOLUTION: A transmitter 10 transmits a first signal wave and a second signal wave with radio frequencies by mixing the first signal wave as an information signal and the second signal wave as a nonmodulated wave with a carrier signal. A receiver 20 mixes the radio frequencies of the first signal wave and the second signal wave. On the receiver 20 side, components containing a frequency misalignment or a phase noise included in the radio frequencies are canceled, and extracts information by eliminating unstable components on a side of the transmitter 10.



Data supplied from the esp@cenet database — Worldwide